

Please type a plus sign (+) inside this box -> +

PTO/SB/01 (12-97)
Approved for use through 9/30/00. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. a valid OMB control number.

Att rney Docket Number 1739/29 **DECLARATION FOR UTILITY OR Daniel Hunter Stone** First Named Inventor **DESIGN COMPLETE IF KNOWN** PATENT APPLICATION (37 CFR 1.63) **Application Number** Herewith Filing Date ☑ Declaration □ Declaration OR Submitted Submitted after Initial **Group Art Unit** Filing (surcharge (37 CFR 1.16 (e)) with Initial Filing **Examiner Name** required)

As a below named inventor, I hereby declare that:							
My residence, post office address, and citizenship are as stated below next to my name.							
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:							
RAILWAY WHEELS RESISTANT TO MARTENSITE TRANSFORMATION							
the specification of which (Title of the Invention) is attached hereto							
OR was filed on (MM/D	D/YYY)	as Unite	d States Applica	tion Number or PCT International			
Application Number	and w	as amended on (MM/DD/Y	m [(if applicable).			
I hereby state that I have re	viewed and understand the	contents of the above iden	. ———				
	nt specifically referred to about isclose information which is		defined in 27 CE	CD 1 EC			
r acknowledge the ddiy to d		material to patentability as	delined in 37 Cr	-n 1.50.			
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.							
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO			
			0000	0000			
	tion numbers are listed on a						
	nder 35 U.S.C. 119(e) of any	United States provisional	application(s) lis	ted below.			
Application Number	s) Filing Date	(MW/DD/YYYY)	numbe	onal provisional application ers are listed on a			
				emental priority data sheet SB/02B attached hereto.			

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Litility or Design Patent Application DECLARATION

DEC	JLM	MAIIU	14		HILL	<u>y Ui</u>	חפ	<u> </u>	11	rate	// // /	<u> 141</u>	mean	711	
I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.															
U.	S. Pare	ent Applicat Numb		PCT P	Parent	l		Parent Filing Date F (MM/DD/YYYY)				ent Patent N			
·															
Additional	U.S. or F	CT internationa	l applicat	tion num	ibers ar	e listed on	a sup	piement	tal pri	iority data	sheet PT	O/SB/	02B attached h	ereto.	
As a named inv and Trademark	entor, I h	ereby appoint the numbers of the second seco	ith:	Custom OR	er Num	ber	s) to prosecute this application and to transact all business in Place Custo Number Bar to Label here					omer Code			
	Nam	е				tration nber				Nan	ne		Registration Number		
	obert C. Dorr 27,782 V. Scott Carson 27,292					Thomas S. Birney Leslie P. Kramer Mark D. Trenner				30,025 38,521 43,961					
Additional	registered	practitioner(s)	named o	n supple	mental	Registere	d Prac	titioner	Infor	mation sh	eet PTO/S	B/020	attached here	to.	
Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto. Direct all correspondence to: Customer Number or Bar Code Label OR Correspondence address															
Name	Jack (Jack C. Sloan, Esq.													
Address Dorr, Carson, Sloan & Birney, P.C.												•			
Address	3010	East 6th Ave	nue								· · · · · · · · · · · · · · · · · · ·				
City			Denve	er	·		s	tate	•	СО	ZIP 80206				
Country		U.S.A. Telephone			ne	(303)	333-	301	0	Fax		(303) 333-1	470		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.															
Name of Sole or First Inventor:					A petition has been filed for this unsigned inventor										
Given Name (first and middle [if any])					Family Name or Sumame										
Daniel Hunter						Stone									
inventor's Signature		Waniel Hasty Store			ر	Date				Date	1/20/00				
Residence: (City	Pueblo West State CO			Country U.S.A. Citizenship U.S.				USA						
Post Office Address 1174 South Sweetwater Avenue															
Post Office A	ddress							···							
City		Pueblo CO ZI				ZIP	81007 Country U.S			Α.					
X Additional	invente	re are being n	amed o	n the	1 5111	nnlement	al Adr	litional	Inve	entor(s)	sheet(s)	PTO/	SB/02A attac	hed hereto	

Please type a plus sign (+) inside this box ->

PTO/SB/02A (3-97)
sign (+) Inside this box + + Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Name and Address of the Owner, where	البيكان بالمستوال والمستوال									
Name of Additional Joint Inventor, if any:							ventor			
Given Name (first and middle [if any])					Family Name or Surname					
Kevin James						S	awley	y		
Inventor's Signature	16/8 ashen				7/20/00 Date					
Residence: City	Pueblo West	State	со	و	ountry	U.S.A.		Citizen	ship	GB
Post Office Address	150 West Mangrum Co	urt								
Post Office Address		 -								
City	Pueblo West	State	со		ZIP	81007	Count	ry	U.S	S.A.
Name of Addition	nal Joint Inventor, if any	/:		A petition has been filed for this unsigned inventor						
Given Nar	me (first and middle [if any])			Family Name or Sumame						
Inventor's Signature								Da	ate	
Residence: City		State		ċ	ountry			Citize	nship	
Post Office Address										
Post Office Address										
City		State].		ZIP		Cou	ntry		
Name of Addition	nal Joint Inventor, if any	<i>/</i> :		^	petitio	n has been file	d for th	his unsig	ned inv	entor
Given Name (first and middle [if any])				Family Name or Sumame						
Inventor's Signature								Da	ite	
Residence: City		State		C	ountry			Citize	nship	
Post Office Address									··	
Post Office Address			,			.,			, ——	
City		State			ZIP			Country		

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



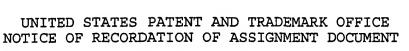
UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

SEPTEMBER 21, 2000

DORR, CARSON ET AL JACK C. SLOAN, ESQ. 3010 EAST 6TH AVENUE DENVER, CO 80206 **PTAS**





THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/21/2000

REEL/FRAME: 010964/0968

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

STONE, DANIEL HUNTER

DOC DATE: 07/13/2000

ASSIGNOR:

SAWLEY, KEVIN JAMES

DOC DATE: 07/12/2000

ASSIGNEE:

TRANSPORTATION TECHNOLOGY CENTER,

INC.

55500 DOT ROAD

PUEBLO, COLORADO 81001

SERIAL NUMBER: 09621504

PATENT NUMBER:

FILING DATE: 07/21/2000

ISSUE DATE:

SEP 2 8 2000 DCS&B, P.C. 010964/0968 PAGE 2

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

		٠٧١ . رو.
er's to	08-04-2000	9
FORM PTO-16 Expires 06/30/99 OMB 0651-0027	19A 101423767	U.S. Department of Commercial Patent and Trademark Office PATENT
		Jc81
	RECORDATION FORM COVER SHEET	
	PATENTS ONLY	9 TO
	sioner of Patents and Trademarks: Please record the attached original d	locument(s) or copy(ies).
Submission Ty	[3.5c
New Beautimiesi	an (Non Beautation)	Agreement
Document II	on (Non-Recordation) License Change of	Name ©
Correction o	Interdet	
Corrective D	Occument (For Use ONLY by U.S. Govern	nment Agencies)
Reel #	Frame # Departmental File	Secret File
Conveying Par	one, Daniel Hunter	parties attached Execution Date Month Day Year 07132000
Name (line 2)	nie, Damei Humei	07132000
Second Party		Execution Date Month Day Year
	wley, Kevin James	07122000
Name (line 2)		<u> </u>
Receiving Part	ty Mark if additional name	es of receiving parties attached
Name (line 1) Tra	ansportation Technology Center, Inc.	If document to be recorded is an assignment and the
Name (line 2) a D	Delaware corporation	receiving party is not domiciled in the United States, an appointment
Addr ss (line 1) 555	500 DOT Road	of a domestic representative is attached.
Address (line 2)		(Designation must be a separate document from Assignment.)
Address (line 3)	Pueblo CO/USA	81001
	City State/Country	Zip Code
Name	resentative Name and Address Enter for the first Receiving	Party only.
L		
Address (line 1)		
20001 ABUTLER no 000000		
Address (line 3)	40.00 00	
Address (line 4)		
	FOR OFFICE USE ONLY	

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	303-333-3010
Name Jack C. Sloan, Esq.		
Address (line 1) Dorr, Carson, Sloan & Birney, P.C.		
Address (line 2) 3010 East 6th Avenue		
Address (line 3) Denver, Colorado 80206		
Address (line 4)		
Pages Enter the total number of pagincluding any attachments.	es of the attached conveyance docur	ment #
Application Number(s) or Patent Num		additional numbers attached
Enter either the Patent Application Number or the Pa Patent Application Number(s)		s for the same property). nt Number(s)
Patent Application Number(3)		it (tuliber(s)
If this document is being filed together with a <u>new</u> Paten signed by the first named executing inventor.	t Application, enter the date the patent applicati	ion was Month Day Year 07202000
Patent Cooperation Treaty (PCT)	PCT PCT	PCT
Enter PCT application number only if a U.S. Application Number		
has not been assigned.	PCT PCT	PCT
Number of Properties Enter the total	al number of properties involved. #	¥ 1
Fee Amount Fee Amount fo	or Properties Listed (37 CFR 3.41): \$	40
Method of Payment: Enclos Deposit Account	sed Deposit Account	
(Enter for payment by deposit account or if additi	ional fees can be charged to the account.)	# 04-1414
Au	uthorization to charge additional fees:	Yes 🔽 No 🗌
Statement and Signature		
To the best of my knowledge and beli		
attached copy is a true copy of the or indicated herein.	iginal document. Charges to deposit	account are authorized, as
	ecli C' Zoan	
	sinatura	July 21, 2000 Date
Name of Person Signing	Signature	Date

ASSIGNMENT

e

WHEREAS, We, Daniel Hunter Stone, whose residence address is 1174 South Sweetwater Avenue, Pueblo West, Colorado 81007 and Kevin James Sawley, whose residence address is 150 West Mangrum Court, Pueblo West, Colorado 81007 (the "Assignors") having invented a certain new and useful invention for "RAILWAY WHEELS RESISTANT TO MARTENSITE TRANSFORMATION" for which we are about to make application for Letters Patent of the United States, said application being identified as Docket No. 1739/29 in the law offices of Dorr, Carson, Sloan & Birney, P.C., 3010 East Sixth Avenue, Denver, Colorado 80206, and herewith executed concurrently on the respective dates listed herein below;

WHEREAS, Transportation Technology Center, Inc., a Delaware corporation, whose post office address is 55500 DOT Road, Pueblo, Colorado 81001 (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and application for Letters Patent in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Two Hundred Fifty Dollars (\$250.00) to each of us in hand paid by the said Assignee, and other good and valuable consideration, receipt whereof is hereby expressly acknowledged, we the aforesaid, Daniel Hunter Stone and Kevin James Sawley, hereby sell, transfer and set over to the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the aforesaid invention and the aforesaid application, for the territory of the United States of America and for all foreign countries, and to all Letters Patents, divisions, continuations, continuations-in-part, substitutions, reissues, re-examinations and extensions to be obtained therefor; and we and each of us further agree to cooperate with the said Assignee hereunder in the obtaining and the sustaining of any or all such Letters Patent but at the expense of the said Assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with this Assignment, to the said Assignee, its successors, legal representatives and assigns, as the Assignee of the entire right, title and interest therein.

Further, we and each of us agree that we will communicate to said Assignee, or its representatives any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all division, continuation, continuation-in-part, substitution, reissue, re-examinations and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

This Assignment is executed by Daniel Hunter Stone and Kevin James Sawley as of the respective dates set forth below to be effective as of the last respective dates set forth below.

Date: 7/13/00	By: Daniel Hunter Stone
	Daniel Hunter Stone
Date: 7 (12/00	By: Kevin James Sawley